

Attachment A: Observed and Potentially Occurring Mammal Species of the Proposed Alternatives and Surrounding Areas

		Status	Sites	Colusa	Thomes-Newville	Red Bank
Order Marsupialia						
Family Didelphidae						
<i>Didelphis marsupialis</i>	Virginia opossum	CDFG-H	O	P	O	P
Order Insectivora						
Family Soricidae						
<i>Sorex trowbridgii</i>	Trowbridge shrew		P	P	O	P
<i>Sorex vagrans</i>	vagrant shrew		O	O		P
<i>Sorex ornatus</i>	ornate shrew		O	P	P	P
Family Talpidae						
<i>Neurotrichus gibbsii</i>	shrew-mole			P	P	
<i>Scapanus latimanus</i>	broad-footed mole		P	P	P	O
Order Chiroptera						
Family Vespertilionidae						
<i>Myotis lucifugus</i>	little brown myotis		O	P	P	P
<i>Myotis yumanensis</i>	Yuma myotis	USFWS-SC, CDFG-SC	O	P	O	O
<i>Myotis evotis</i>	long-eared myotis	USFWS-SC	P	P	P	P
<i>Myotis thysanodes</i>	fringed myotis	USFWS-SC	P	P	P	P
<i>Myotis volans</i>	long-legged myotis	USFWS-SC	P	P	P	P
<i>Myotis californicus</i>	California myotis		P	P	P	P
<i>Myotis ciliolabrum</i>	small-footed myotis	USFWS-SC	P	P	P	P
<i>Lasionycteris noctivagans</i>	silver haired bat				P	P
<i>Pipistrellus hesperus</i>	Western pipistrelle		O	O	O	O
<i>Eptesicus fuscus</i>	big brown bat		P	P	O	O
<i>Lasiurus blossevillei</i>	Western red bat	USFS-S	O	P	P	O
<i>Lasiurus cinereus</i>	hoary bat		P	P	P	O
<i>Euderma maculatum</i>	spotted bat	USFWS-SC, CDFG-SC	P	P	P	P
<i>Corynorhinus townsendii townsendii</i>	Townsend's western	USFWS-SC, CDFG-SC, USFS-S	P	P	P	P
	Big-eared bat					
<i>Corynorhinus townsendii pallescens</i>	Pale big-eared bat	USFWS-SC, CDFG-SC, USFS-S	P	P	P	P
<i>Antrozous pallidus</i>	pallid bat	CDFG-SC, USFS-SC	O	O	P	O

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Family Molossidae						
<i>Tadarida brasiliensis</i>	Mexican free-tailed bat	USFWS-SC, CDFG-SC	O	O	O	O
<i>Eumops perotis californicus</i>	Greater western mastiff bat		P	P	P	P
Order Lagomorpha						
Family Leporidae						
<i>Lepus californicus</i>	black-tailed hare	CDFG-H	O	O	O	O
<i>Sylvilagus audubonii</i>	desert cottontail	CDFG-H	O	O	O	P
<i>Sylvilagus bachmani</i>	brush rabbit	CDFG-H	P	P	P	P
Order Rodentia						
Suborder Sciuromorpha						
Family Sciuridae						
<i>Spermophilus beecheyi</i>	California ground squirrel	CDFG-H	O	O	O	O
<i>Eutamias amoenus</i>	yellow pine chipmunk	CDFG-H	P	P	P	O
<i>Eutamias sonomae</i>	Sonoma chipmunk					P
<i>Sciurus griseus</i>	Western gray squirrel					P
<i>Tamiasciurus douglasii</i>	Douglas' tree squirrel					P
<i>Glaucomys sabrinus</i>	Northern flying squirrel					P
Family Geomyidae						
<i>Thomomys bottae</i>	Botta's pocket gopher		O	O	O	P
Family Heteromyidae						
<i>Perognathus inornatus inornatus</i>	San Joaquin pocket mouse	USFWS-SC, CDFG-SC	P	P	O	P
<i>Dipodomys californicus</i>	California kangaroo rat		O	O	O	O
Family Heteromyidae						
<i>Castor canadensis</i>	beaver		CDFG-H		P	P
Suborder Myomorpha						
Family Cricetidae						
<i>Reithrodontomys megalotis</i>	Western harvest mouse		O	O	O	O
<i>Peromyscus maniculatus</i>	deer mouse		O	O	O	O
<i>Peromyscus boylii</i>	brush mouse		O	O	O	O
<i>Peromyscus truei</i>	Pinon mouse		O	P	P	O

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		Status	Sites	Colusa	Thomes-Newville	Red Bank
<i>Neotoma fuscipes</i>	dusky-footed woodrat		P	P	O	O
<i>Neotoma cinerea</i>	bushy-tailed woodrat					O
<i>Microtis californicus</i>	California vole		O	O	O	O
<i>Microtus longicaudus</i>	long-tailed vole					P
<i>Microtus oregoni</i>	creeping vole					P
<i>Ondatra zibethicus</i>	muskrat		P	P	P	P
Family Muridae						
<i>Rattus norvegicus</i>	Norway rat		P	P	P	P
<i>Rattus rattus</i>	black rat		O	P	P	P
<i>Mus musculus</i>	house mouse		O	O	O	P
Family Zapodidae						
<i>Zapus princeps</i>	Western jumping mouse					P
Suborder Hystricomorpha						
Family Erethizontidae						
<i>Erethizon dorsatum</i>	porcupine				O	P
Order Carnivora						
Family Canidae						
<i>Canis latrans</i>	coyote	CDFG-H	O	O	O	O
<i>Vulpes vulpes</i>	red fox		P	P	O	P
<i>Urocyon cinereoargenteus</i>	gray fox	CDFG-H	P	P	O	O
Family Ursidae						
<i>Ursus americanus</i>	black bear	CDFG-H	O	P	O	O
Family Procyonidae						
<i>Bassariscus astutus</i>	ringtail	CDFG-P	O	P	O	P
<i>Procyon lotor</i>	raccoon	CDFG-H	O	O	O	O
Family Mustelidae						
<i>Martes americana</i>	Pine marten	USFS-S			P	
<i>Martes pennanti</i>	Pacific fisher	USFWS-SC, CDFG-SC, USFS-S				P

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<i>Mustela ermina</i>	ermine	CDFG-H			P	P
<i>Mustela frenata</i>	long-tailed weasel	CDFG-H	P	P	P	O
<i>Mustela vison</i>	mink	CDFG-H			P	P
<i>Taxidea taxus</i>	American badger	CDFG-SC	O	O	O	P
<i>Spilogale gracilis</i>	Western spotted skunk	CDFG-H	P	P	P	O
<i>Mephitis mephitis</i>	Western striped skunk	CDFG-H	O	P	O	O
<i>Lutra canadensis</i>	river otter		P	P	P	P
Family Felidae						
<i>Puma concolor</i>	mountain lion		O	P	O	O
<i>Felis domesticus</i>	feral cat		O	P	O	P
<i>Lynx rufus</i>	bobcat	CDFG-H	O	P	O	O
Order Arteriodactyla						
Family Suidae						
<i>Sus scrofa</i>	feral pig	CDFG-H	O	O	O	O
Family Cervidae						
<i>Odocoileus hemionus columbianus</i>	black-tailed mule deer	CDFG-H	O	O	O	O

Legend

USFWS-SC	U.S. Fish and Wildlife Service "Federal Special Concern Species"
CDFG-SC	California Department of Fish and Game "California Species of Special Concern"
USFS-S	U.S. Forest Service "Sensitive Species"
CDFG-P	California Department of Fish and Game "Fully Protected Species"
CDFG-H	California Department of Fish and Game "Harvested Species"
O	Observed in the project area
P	Potentially occurring species in the project area

Attachment B: Representative Track Samples from the Track Plate Efforts



Bobcat



Domestic Cat



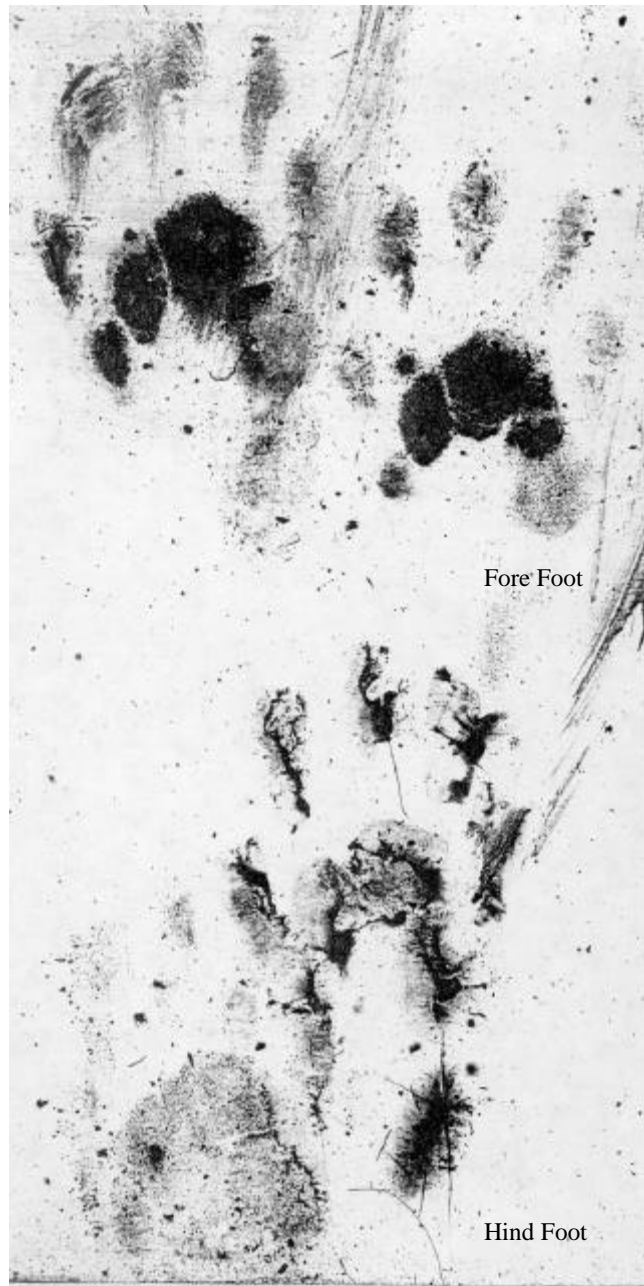
Striped Skunk



Fore Foot



Hind Foot



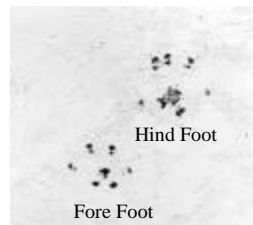
Fore Foot

Hind Foot

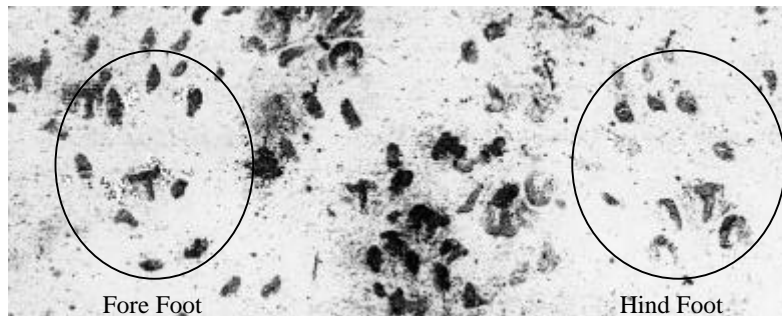
Raccoon



Mouse



Dusky-footed Woodrat



California Ground Squirrel

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Attachment C: Representative Photographs from the Photo Stations Efforts



Cattle



Raccoon



Coyote



Feral pigs



Gray fox



Black bear



Black-tailed deer



Western striped skunk



Golden eagle

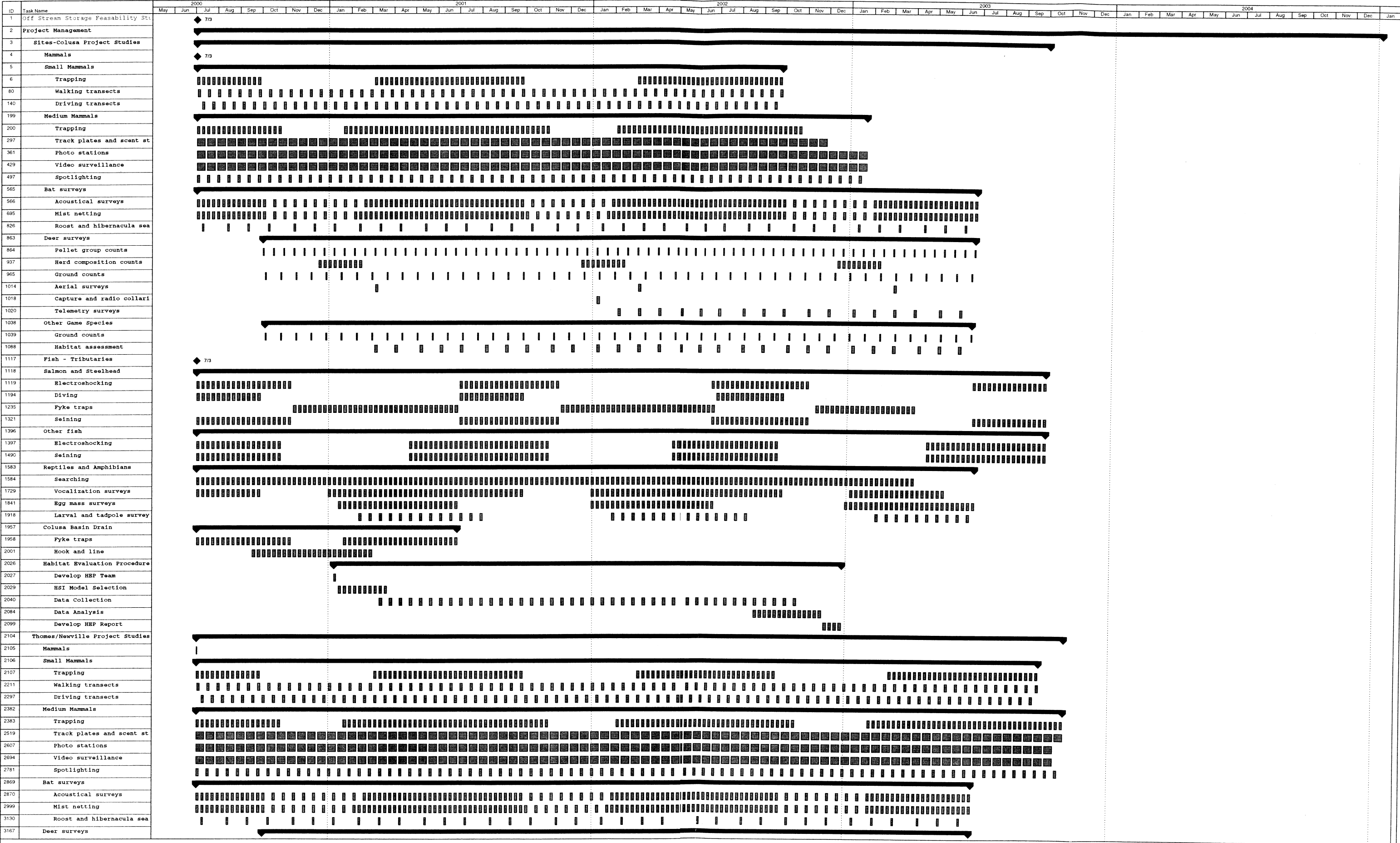


Western gray squirrel

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Attachment D: Proposed Timeline for Completion of Environmental Studies



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Attachment E: Proposed Budget for Completion of the Environmental Documentation. Northern District Budget

	00/01	01/02	02/03	03/04	04/05
Project management	\$267,600.00	\$267,600.00	\$267,600.00	\$267,700.00	\$156,100.00
Sites-Colusa Project					
small mammals	\$52,200.00	\$52,200.00	\$52,200.00		
medium mammals	\$52,200.00	\$52,200.00	\$52,200.00		
bats	\$26,100.00	\$26,100.00	\$26,100.00		
deer	\$55,500.00	\$80,940.00	\$67,940.00		
other game	\$48,300.00	\$60,360.00	\$57,610.00		
fish - tributaries					
salmon and steelhead	\$60,840.00	\$52,200.00	\$52,200.00	\$13,050.00	
resident fish	\$56,520.00	\$52,200.00	\$52,200.00	\$13,050.00	
reptiles and amphibians	\$60,840.00	\$52,200.00	\$52,200.00		
Colusa Basin Drain	\$46,470.00				
HEP		\$33,820.00	\$67,640.00	\$37,030.00	
Thomes/Newville Project					
small mammals	\$72,260.00	\$80,520.00	\$24,050.00	\$13,050.00	
medium mammals	\$67,940.00	\$81,570.00	\$30,900.00	\$17,400.00	
bats	\$65,420.00	\$84,420.00	\$68,670.00		
deer	\$42,150.00	\$42,150.00	\$42,150.00		
other game	\$42,150.00	\$42,150.00	\$42,150.00		
fish - tributaries					
salmon and steelhead	\$52,200.00	\$52,200.00	\$52,200.00	\$13,050.00	
resident fish	\$52,200.00	\$52,200.00	\$52,200.00	\$13,050.00	
fish - ponds					
resident fish	\$52,200.00	\$52,200.00	\$52,200.00	\$13,050.00	
reptiles and amphibians	\$104,400.00	\$104,400.00	\$104,400.00	\$26,100.00	
HEP		\$26,100.00	\$52,200.00	\$26,100.00	
Mitigation evaluation		\$34,600.00	\$83,080.00	\$62,400.00	
Data management/reports	\$87,860.00	\$81,420.00	\$87,860.00	\$87,860.00	
EIR				\$43,650.00	\$121,880.00
Mammal Operating	\$176,000.00	\$352,000.00	\$120,000.00	\$70,400.00	\$35,200.00
Fish/herp Operating	\$58,650.00	\$58,650.00	\$58,650.00	\$35,200.00	
TOTAL	\$1,600,000.00	\$1,874,400.00	\$1,618,600.00	\$752,140.00	\$313,180.00
Mammal proposed budget	\$877,950.00	\$1,206,340.00	\$923,080.00	\$416,610.00	\$235,130.00
Fish/herps proposed budget	\$722,050.00	\$668,060.00	\$695,520.00	\$335,530.00	\$78,050.00

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